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## EUROPEAN PATENT APPLICATION

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Applicant: **CASIO COMPUTER COMPANY LIMITED**  
6-1, 2-chome, Nishi-Shinjuku  
Shinjuku-ku Tokyo 160(JP)

Inventor: **Inomata, Shinichi, c/o Pat. Dept. Dev.Div., Hamura R&D Cntr, CASIO COMP. CO., LTD., 3-2-1, Sakae-cho**

**Hamura-shi, Tokyo 190-11(JP)**  
Inventor: **Nakazawa, Eiji, c/o Pat. Dept. Dev.Div., Hamura R&D Cntr, CASIO COMP. CO., LTD., 3-2-1, Sakae-cho**  
**Hamura-shi, Tokyo 190-11(JP)**  
Inventor: **Miyata, Hisashi, c/o Pat. Dept. Dev.Div., Hamura R&D Cntr, CASIO COMP. CO., LTD., 3-2-1, Sakae-cho**  
**Hamura-shi, Tokyo 190-11(JP)**  
Inventor: **Hagihira, Toru, c/o Pat. Dept. Dev.Div., Hamura R&D Cntr, CASIO COMP. CO., LTD., 3-2-1, Sakae-cho**  
**Hamura-shi, Tokyo 190-11(JP)**

Representative: **Patentanwälte Grünecker, Kinkeldey, Stockmair & Partner Maximilianstrasse 58 W-8000 München 22 (DE)**

**Data storage apparatus.**

Data input from a key switch (3) is displayed on a liquid crystal display (2), and whether to store the data in a RAM (6) or an EEPROM (7) is selected by a selection switch. If the EEPROM (7) is selected, a CPU (4) turns on a power switch (10) to apply a high voltage to the EEPROM (7) to write the input data therein. Data stored in the RAM (6) and the EEPROM (7) are read out upon operation of a search switch and are sequentially displayed on the liquid crystal display (2). It is clearly informed whether the currently displayed data is read out from the RAM (6) or the EEPROM (7). With this operation, if data which is required to be protected against disconnection of a power supply voltage or a drop in power supply voltage is stored in the RAM (6), the data can be stored in the EEPROM (7).

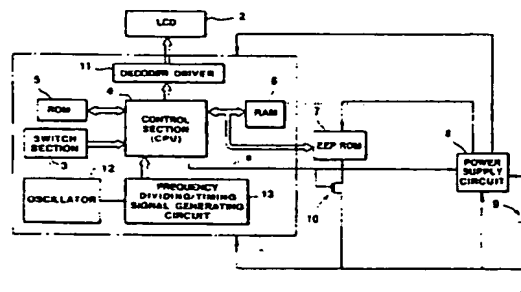


FIG. 3



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# EUROPEAN SEARCH REPORT

Application Number

EP 91 12 0509

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 564 922 (A.MULLER) * column 2, line 45 - column 3, line 52; figures 1,2 *	1,2,9,10	G 11 C 16/06 G 11 C 5/14 G 11 C 11/00 G 04 G 11/00
A	EP-A-0 213 588 (CASIO COMPUTER COMPANY) * the whole document *	7,8,15,16,22,23	
A	US-A-4 712 923 (V.MARTIN) * the whole document *	1	
A	PATENT ABSTRACTS OF JAPAN vol. 8, no. 10 (P-248)(1447) 18 January 1984 & JP-A-58 169 395 ( FUJITSU ) 5 October 1983 * abstract *	6,14,21	
A	EP-A-0 340 981 (SONY KK) * column 1, line 20 - column 1, line 23; column 2, line 23 - column 3, line 40 *	17	
X	PATENT ABSTRACTS OF JAPAN vol. 14, no. 382 17 August 1990 & JP-A-21 40 151 ( TOSHIBA ) * abstract *	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.5) G 11 C G 04 G G 09 G
A		9,10,17,18	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-03-1993	Examiner DEGRAEVE L W G
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

See Sheet B.

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims: 1-4, 6-8, 9-12, 14-19, 21-23

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-4,6-8,9-12,14-19,21-23: Cooperation  
EEPROM, RAM & display properties.
2. Claims 5,13,20: EEPROM & RAM with different voltage  
supplies.